

RESOLUTION BY
CITY UTILITIES COMMITTEE

01-*R*-1280

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO AMENDMENT NUMBER ONE, FOR FC-6994-98, CAMPBELLTON ROAD WIDENING, PHASE III & IV, WITH DESMEAR SYSTEMS, INC., IN AN AMOUNT NOT TO EXCEED TWO HUNDRED THIRTY TWO THOUSAND FIVE HUNDRED THIRTY DOLLARS AND NO CENTS (\$232,530.00). ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER: 1C39 574001 M22F013192BA.

WHEREAS, the City did enter into FC-6994-98, Campbellton Road Widening, Phase III & IV, with Desmear Systems, Inc.; and

WHEREAS, Amendment Number One is necessary to address storm drainage concerns caused by the widening of Campbellton Road; and

WHEREAS, the Commissioner of the Department of Public Works and the Director of the Bureau of Purchasing and Real Estate have recommended that Amendment Number One be executed.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor be and is hereby authorized to enter into Amendment Number One for FC-6994-98, Campbellton Road Widening, Phase III & IV, with Desmear Systems, Inc., in an amount not to exceed Two Hundred Thirty Two Thousand Five Hundred Thirty Dollars and No Cents (\$232,530.00).

BE IT FURTHER RESOLVED, that the Director of the Bureau of Purchasing and Real Estate be and is hereby directed to prepare an appropriate contractual agreement to be approved by the City Attorney as to form for execution by the Mayor.

BE IT FURTHER RESOLVED, that this contractual agreement shall not become binding on the City, and the City shall incur no liability upon same until such contract has been executed by the Mayor and delivered to the contracting party.

BE IT FURTHER RESOLVED, that all services for said contracted work shall be charged to and paid from fund, account and center numbers: 1C39 574001 M22F013192BA.

bpre 7302001



DEPARTMENT OF PUBLIC WORKS
JUN 22 PM 3:10

**BILL CAMPBELL
MAYOR**

CITY OF ATLANTA
68 MITCHELL ST, SW, ATLANTA, GEORGIA 30335-0324
SUITE 4700, CITY HALL - SOUTH
(404) 330-6240
FAX (404) 658-7552
email: publicworks@ci.atlanta.ga.us

DEPARTMENT OF PUBLIC WORKS
Norman A. Koplon, P.E.
Interim Commissioner
David Peters, P.E.
Deputy Commissioner
John W. Griffin, Jr.
Deputy Commissioner
Garney Ingram-Reid
Deputy Commissioner

June 19, 2001

MEMORANDUM

To: Felicia Strong-Whitaker, Director
Bureau of Purchasing and Real Estate

Fr: Ladun Esan, Public Works Manager
Department of Public Works

Re: Campbellton Road Drainage Design, Ph III & IV

Attached is the proposal from Desmear Systems, Inc., for Campbellton Road Drainage Design. This proposal is addressing the storm drainage concerns the road widening exercises on Campbellton Road are creating on private properties, and offering design solutions to the problems.

Identified in the scope of work are twenty-three (23) locations in need of design. For now this scope is adequate but this number may likely increase when the next phase of the road widening project is completed. The fee proposal based on hours for the nature of tasks to be performed is acceptable.

Therefore the Department of Public Works has determined it is in the best interest of the City to accept this proposal in an amount not exceed Two Hundred Thirty Two Thousand Five Hundred Thirty Dollars and No Cents (\$232,530.00).

If you have any questions or if you require additional information, I can be reached at extension 6526.

Attachment(s):

Cc: Norm Koplon, P.E., DPW
David Peters, P.E., DPW
John W. Griffin, Jr., DPW
Garney Ingram-Reid, DPW
Ade Abon, P.E., DPW
Peter Ayeni, DPW
File

Deon Franklin, DPW
Willie Canidate, DPW
Pamela Lewis, BPRE
Susan Bronston Sullivan, OCC
Bruce Bell, OCC
Tarik Bezuneh, DOF



DESMEAR SYSTEMS, INC.
ENGINEERS & CONSTRUCTION MANAGERS

CAMPBELLTON ROAD DRAINAGE DESIGN

Introduction

Current runoff and drainage within the Lower Utoy Creek Basin particularly along the small tributaries starting from the intersection of Campbellton and Dodson Road southward has resulted in severe erosion and damage to private properties. These erosion problems are expected to substantially increase when the expansion of this section of Campbellton road is completed. This proposal, at the request of the City of Atlanta, will assess this problem and propose design solutions to alleviate current runoff problems and to meet future capacity increases anticipated when the road widening on Campbellton is completed. The proposed design solution will consist of new structures and redesign of current structures based on the expected increase in runoff.

In order to properly define or identify the scope and magnitude of the runoff problems, Desmear Systems, Inc. conducted an initial assessment of the portion of the watershed. This initial assessment included north of Campbellton Road to Cascade Road and south to Headland Drive, and from Childress Drive to the west to Stanton Street to the east. The objective of this assessment was to identify potential locations where storm structures and or improvement to existing structures would be effective in eliminating or reducing erosion problems.

Method

The area considered for storm structures is identified above and shown in the map on page 2. The assessment considered intersections of tributaries to Lower Utoy Creek and roads where appropriate new structures could be installed or existing structures redesigned to improve their efficiency. Thirty seven (37) crossings and locations were investigated. This involved actual visit to the crossings and visually inspecting the location and existing condition. We are evaluating the potential for locating a properly design structure

based on expected future runoff that would aid in preventing erosion from storm water runoff.

South Utoy Creek tributary crossing locations of roadways in the targeted Campbellton Road Area were determined from a Metro Atlanta Street Map. These crossings were then physically examined in detail. These examinations resulted in identifying locations with a need for design/construction tasks on each outlet crossing's inlet, outlet, or both. A total of 37 crossings were visited and investigated. Crossing location, which required no improvement or new structures are shown with open circle on the map. The pictures in Figures 1 through 5 show typical conditions found at some of the crossings. The conditions include structures that are completely damaged (Figure 6), structures that will require redesign, and structures that are not functioning properly, and crossings that will require new structures to address runoff problems (Figures 7 through 10).

Scope Work

The scope of this work involves design or redesign of structures at crossings that were investigated in the targeted portion of the Lower Utoy Creek basin. The map on page 2 shows in solid circles and number, crossings which require at least one design/construction task. In addition, each design/construction task has been assigned a number. The detail crossings location and task numbers are shown in Table 1. The task at each numbered crossing can refer to the inlet or outlet of the structure. A brief definition of the nature of the task is also included with the listing in Table 1. Out of the total thirty seven (37) locations and crossing assessed, twenty three (23) need additional design to function properly.

During the actual design, it will be necessary to obtain detailed survey around each location to adequately conduct hydrology analysis needed to design any proposed structure. Structures number 3 and 4 (Figures 3 and 4) specifically address the erosion problems near the Campbellton and Dodson Road intersection and particularly the erosion problem being experienced by the homeowner at 1986 Dodson Drive.

Table 1: CAMPBELLTON DRAINAGE TASK LISTING

Task No.	Location No.	Street Name	Review Comment
1	1	Willis Mill Road	Outlet rework for energy dissipation
2	2	Dodson Drive	Outlet rework for energy dissipation
3	3	Dodson Drive	Excavate & rework entrance
4	3	Dodson Drive	Outlet rework for energy dissipation
5	4	Dodson Drive	Unclog & rework entrance
6	5	Connally Drive	Rework Inlet to prevent erosion
7	5	Connally Drive	Outlet rework for energy dissipation
8	6	Dodson Drive	Outlet rework for energy dissipation
9	7	Connally Drive	Rework Inlet to prevent erosion
10	7	Connally Drive	Outlet rework for energy dissipation
11	8	Connally Drive	Outlet rework for energy dissipation
12	9	Delowe Drive	Outlet rework for energy dissipation
13	10	Mulberry Street	Rework Inlet to prevent erosion
14	10	Mulberry Street	Outlet rework for energy dissipation
15	11	Lumpkin Street	Rework Inlet to prevent erosion
16	11	Lumpkin Street	Outlet rework for energy dissipation
17	12	Alison Court	Rework Inlet to prevent erosion
18	12	Alison Court	Outlet rework for energy dissipation
19	13	Stanton Street	Outlet rework for energy dissipation
20	14	McClelland Avenue	Rework Inlet to prevent erosion
21	14	McClelland Avenue	Outlet rework for energy dissipation
22	15	Delowe Drive	Unclog & rework entrance
23	15	Delowe Drive	Outlet rework for energy dissipation

Fee Proposal

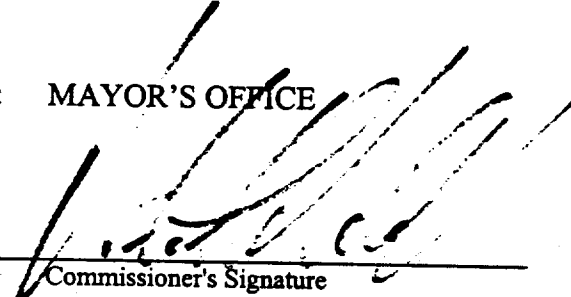
The follow fees are proposed per structure.

	<u>Hrs.</u>	<u>Rates</u>	<u>Total</u>
Principal	4	150	600
Project Manger	6	120	720
Sr. Engineer	16	100	1600
Junior Engineer	20	85	1700
Cadd/designer	25	60	1500
Clerical	5	48	240
Surveying			<u>\$6,360.00</u> <u>\$3,750.00</u> =\$10,110.00
23 Structures =		\$10,110 x 23	=\$232,530.00
<u>OR</u>			
Engineering			=\$146,280.00
Surveying			=\$ 86,250.00
Total			<u>=\$232,530.00</u>

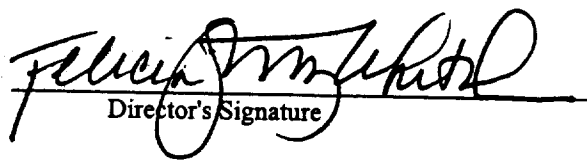
**TRANSMITTAL FORM FOR LEGISLATION
PUBLIC IMPROVEMENT PROGRAM**

TO: MAYOR'S OFFICE

GREG PRIDGEON



Commissioner's Signature



Director's Signature

Originating Department DPW/Purchasing

Contact Person: Pamela Lewis x 6379
Marie Pope 853-7503

Committee(s) of Purview City Utilities
Committee

Council Deadline August 3, 2001

Committee Meeting Dates(s) August 14, 2001

Full Council Date September 4, 2001

**CAPTION:
BACKGROUND:**

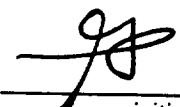
TO AUTHORIZE THE MAYOR TO ENTER INTO AMENDMENT NUMBER ONE FOR FC-6994-98, CAMPBELLTON ROAD WIDENING, PHASE III & IV, WITH DESMEAR SYSTEMS, INC., IN AN AMOUNT NOT TO EXCEED TWO HUNDRED THIRTY TWO THOUSAND FIVE HUNDRED THIRTY DOLLARS AND NO CENTS (\$232,530.00). ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM THE FOLLOWING FUND, ACCOUNT AND CENTER NUMBERS: 1C39 574001 M22F013192BA.

FINANCIAL IMPACT (if any)

Mayor's Staff Only

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Received by Mayor's Office: 8/6/01 pm
(date) (date)

Reviewed by: 
initials)

Submitted to Council: _____
(date)

Action by Committee: ☐ Approved ☐ Adverse ☐ Held ☐ Amended
 ☐ Substitute ☐ Referred ☐ Other

**BUREAU OF PURCHASING AND REAL ESTATE
LEGISLATION SUMMARY**

TO: CITY UTILITIES COMMITTEE

CAPTION: A resolution authorizing the Mayor to enter into Amendment Number One, for FC-6994-98, Campbellton Road Widening, Phase III & IV, with Desmear Systems, Inc., in an amount not to exceed Two Hundred Thirty Two Thousand Five Hundred Thirty Dollars and No Cents (\$232,530.00). All contracted work shall be charged to and paid from fund, account, and center numbers: 1C39 574001 M22F013192BA.

**REQUESTING
DEPARTMENT:** Department of Public Works

CONTRACT TYPE: Consultant

**SOURCE
SELECTION:** N/A

BID OPENING: N/A

**INVITATIONS
ISSUED:** N/A

**PROPOSALS
RECEIVED:** N/A

BACKGROUND: Original contract amount - \$999,865.03;
Amendment number one is necessary to address storm drainage concerns caused by the widening of Campbellton Road.

SOURCE OF FUNDING: BOND PROGRAM

**EVALUATION TEAM
COMPOSITION:** DPW, BPRE